
FORT CAMPBELL ENVIRONMENTAL HANDBOOK
Guidance and Instruction
PESTICIDES AND INTEGRATED PEST MANAGEMENT

1. **Purpose and Scope:**

Provide general information concerning pesticides, what they are, hazards associated with them, how they are used, and safe storage and labeling.

2. **Reference:**

- a. AR 420-76, "Pest Management", June 1986.
- b. "Federal Insecticide, Fungicide, and Rodenticide Act", 1947.
- c. "Federal Environmental Pesticide Control Act", 1972.

3. **Definitions:**

- a. Pesticide - substance or mixture of substances including biological agents used to prevent, destroy, repel or mitigate pests.
- b. Integrated Pest Management - Comprehensive approach to pest problems using a holistic approach to solving problems to include exclusion, habitat control, biological control, and pesticide application.
- c. Pest - Any organism that adversely affects the well-being of personnel and animals, real property, supplies, equipment or is otherwise undesirable.

4. **General:**

- a. Pesticides are toxic substances that are applied to the environment. Pesticide applications are unique. What other activity knowing places poisons in our environment. The very nature of pesticides requires special handling and application procedures. Pesticide applications are the last means of controlling a pest. IPM(see definitions) concepts utilize all other means available before applying a pesticide. Usually, the most cost effective method is exclusion, physical barriers, or other means.
- b. The safe handling of pesticides relies on the use of the label. All pesticides must have the manufactures label attached. This label must be followed. Labels on pesticides are legal documents. *It is the law!*
- c. Label Information
 - 1) Current regulations require each pesticide must have a label which contains a EPA registration number. This number is your guarantee that this product is safe when used according to label directions. Do not use any product that does not have a registration number. Vital information is contained in the label. *No pesticides can be used contrary to label directions.* The label provides information for the safe handling, storage, and disposal of the contained pesticide. Also, mixing rates, rates of application, prescribed pests, counter indication, etc. Be certain that all information on the label remains with the container. If pesticides must be transferred, make a copy of the label and transfer this to the new container.

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2) Toxicity Ratings

Each pesticide label contains information on the toxicity of this substance. Somewhere on the label, usually on the front page, a chemical hazard warning will be posted. This warning will be one of the following words:

(a) Danger - This chemical is extremely toxic and dangerous to humans and the environment and is usually only applied by certified technicians.

(b) Warning - Moderately toxic chemicals which should be handled with caution. These chemicals usually must be applied by certified technicians.

(c) Caution - Slightly toxic chemical which is usually available to the general public. Blackflag cockroach spray or Wasp freeze might be examples of this chemical. Should be handled with caution and according to label directions.

(d) Caution* - Practically non toxic.

* Since this category cannot be differentiated from the slightly toxic class, always assume the highest level.

d. Pesticide Handling and Turn in

1) Please follow all label directions for the handling of pesticides. Label information provides what precautions must be followed for handling of pesticides.

2) Turn-in of pesticides must be accomplished to DRMO. If you have pesticides within your organization that are not authorized for use, turn-in is advised. You may accomplish this through your chain of command to the DRMO.

5. **Responsibilities:**

The EQO is responsible for the identification and notification of pesticides within their organization.

6. **Instructions:**

Avoid handling pesticides without proper protection. Make sure all pesticides are used in accordance with label directions. Dispose of pesticides according to label directions.

7. **Additional Guidance:**

a. For any technical information, contact Joseph D. Whitfill, PWBC Environmental Division, Conservation Branch, 798-9850.

b. For future reference, place this document behind *Tab Number 13* in your Fort Campbell Environmental handbook.